

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7688	((700/245,56,61) or (15/319,98,300,1,1,7) or (318/568,12) or (701/23)). CCLS.	US_PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/07 20:59
L2	60327	(autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run \$4)) near9 (robot or clean\$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:02
L3	11759	(( spiral or rectangular or geometric or circular ) near5 (path or trajectory or route or road direction ) near5 (overlap \$4 or cross\$4 or intercept\$4) )	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:02
L4	313390	(travel\$4 or driv\$4 or navigat \$4 or move or moving ) near9 (wall or boundary or fence or divider or obstacle or obstruction)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:03
L5	634	(( orientation near4 angle) and (( rectangular or square) near9 (path or trajectory or course or rail or road or track) ))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:03
L6	19	L2 and L3 and L4 and L5	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:04
L7	1	L6 and L1	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:04
L8	27	L2 and L3 and L4	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:06

L9	1	( (autonomous or ( self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run \$4)) near9 (robot or clean\$4) and ( (spiral or rectangular or geometric or circular ) near5 (path or trajectory or route or road direction ) near5 (overlap \$4 or cross\$4 or intercept\$4) ) and (travel\$4 or driv\$4 or navigat\$4 or move or moving ) near9 (wall or boundary or fence or divider or obstacle or obstruction) and ( (orientation near4 angle) and ( (rectangular or square) near9 (path or trajectory or course or rail or road or track) ) ) ).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:09
L10	1	( (autonomous or ( self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run \$4)) and (robot or clean\$4) and ( (spiral or rectangular or geometric or circular ) and (path or trajectory or route or road direction ) near5 (overlap \$4 or cross\$4 or intercept\$4) ) and (travel\$4 or driv\$4 or navigat\$4 or move or moving ) and (wall or boundary or fence or divider or obstacle or obstruction) and ( (orientation and angle) and ( (rectangular or square) and (path or trajectory or course or rail or road or track) ) ) ).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 21:10
S1	61	egawa-saku.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:05
S2	374	arai-yutaka.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:05
S3	5	ichinose-ryoko.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:09

S4	7	asa-yasuhiro.IN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:06
S5	212	tanaka-hirofumi.IN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:08
S6	25	S1 and (clean\$4 or robot or autonomous)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:18
S7	26	S1 and (clean\$4 or robot or mobile or autonomous)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:20
S8	17	S2 and (clean\$4 or robot or mobile or autonomous)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:22
S9	7	S4 and (clean\$4 or robot or mobile or autonomous)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:25
S10	14	S5 and (clean\$4 or robot or mobile or autonomous)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 17:31
S11	101	("20040181896" "20060212191" "6309468" "4397319" "6272713" "6389978" "20040255425" "20050216122" "5293955" "5634237" "20060123582" "3883366" "5279672" "5284522" "6119057" "6494220" "20030102014" "20040204792" "20060020369" "3739421" "6667592" "20030030398" "20050204505" "20060283328" "4382352" "5085016" "5107633" "5274868" "5398461")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 18:19

		"5527135" "5542380" "5568589" "6571415" "6742613" "7207081" "20020066149" "20020129839" "20030056309" "20030205242" "20040074987" "20040168838" "20050181519" "20050212680" "20050235444" "3800349" "3914817" "4124065" "4306329" "4675935" "4718613" ).pn.				
S12	5980	((700/245) or (15/319,98,300.1,1.7) or (318/568.12) or (701/23)). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/18 17:55
S13	17982	( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 18:33
S14	712	S12 and ( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 18:34
S15	10	S11 and ( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 18:38
S16	61776	( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run \$4)) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:28
S17	63	S11 and ( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run\$4)) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 18:46
S18	1226436	(( control\$4 or computer or microprocessor or CPU) and (orientation or direction) and (wall or boundary or fence or divider or obstacle or obstruction) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:16

S19	33	S17 and ( (control\$4 or computer or microprocessor or CPU) and (orientation or direction) and (wall or boundary or fence or divider or obstacle or obstruction) )	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:16
S20	28	S19 and ( (travel\$4 or driv\$4 or navigat\$4 or move or moving) near9 (wall or boundary or fence or divider or obstacle or obstruction) )	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:33
S21	1248	S12 and S16	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:29
S22	819	S21 and S18	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:30
S23	518	S22 and ( (travel\$4 or driv\$4 or navigat\$4 or move or moving) near9 (wall or boundary or fence or divider or obstacle or obstruction) )	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:36
S24	351	S23 and (clean\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:37
S25	273	S23 and ( (clean\$4) near9 (robot or device or machine or vehicle or instrument) )	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:43
S26	1	S25 and ( (orientation near4 angle) and ( (rectangular or square) near9 (path or trajectory or course or rail or road or track) ) )	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 19:58
S27	1	("5568589").PN.	US_PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/23 12:27
S28	1	S27 and (orientation or direction or angle)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 13:08

S29	1	S27 and (wall and obstacle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 13:08
S30	6444	((700/245) or (15/319,98,300.1,1.7) or (318/568.12) or (701/23)). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/25 20:53
S31	65908	(( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 prop\$4) or (self near2 run \$4)) near9 (robot or clean\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:53
S32	1298092	(( (control\$4 or computer or microprocessor or CPU) and (orientation or direction) and (wall or boundary or fence or divider or obstacle or obstruction) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:53
S33	1411	S30 and S31	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:53
S34	938	S33 and S32	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:53
S35	586	S34 and ( (travel\$4 or driv\$4 or navigat\$4 or move or moving ) near9 (wall or boundary or fence or divider or obstacle or obstruction) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:53
S36	26	S35 and (spiral near5 (path or trajectory or route or road direction ))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 20:55

S37	19	(US-20060283328-\$ or US-20050235444-\$ or US-20030102014-\$ or US-20042055425-\$ or US-20020138936-\$ or US-20050204505-\$ or US-20080007193-\$ or US-20030025472-\$).did. or (US-6119057-\$ or US-5634237-\$ or US-5568589-\$ or US-5293955-\$ or US-5284522-\$ or US-6671592-\$ or US-6553612-\$ or US-6021363-\$ or US-5737217-\$).did. or (JP-2003310509-\$).did. or (JP-10260727-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 21:07
S38	6	S37 and (spiral near5 (path or trajectory or route or road direction ))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 21:08
S39	23	"L16" and (spiral near5 (path or trajectory or route or road direction ))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:08
S40	588	S31 and (spiral near5 (path or trajectory or route or road direction ))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:14
S41	458	S40 and @py<"2005"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:16
S42	18	S31 and (spiral near5 (path or trajectory or route or road direction ) near5 (overlap\$4 or cross\$4 or intercept\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:22
S43	18	(( (autonomous or (self near2 govern\$4) or independent or autonomy or sovereign or uncontrolled or (self nea2 propel\$4) or (self near2 run \$4)) near9 (robot or clean\$4) ) and (spiral near5 (path or trajectory or route or road direction ) near5 (overlap\$4 or cross\$4 or intercept\$4) )	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:25

S44	1218	(spiral near5 (path or trajectory or route or road direction ) near5 (overlap\$4 or cross\$4 or intercept\$4) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:26
S45	0	S44 and (robot near3 clean\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:27
S46	7	S44 and (robot )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:27
S47	2	S44 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:29
S48	1013	S44 and @py<"2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/25 22:30
S49	1	jp2003310509	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 00:05
S50	1	JP2003310509	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 00:07
S51	2	"2003310509"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 00:07
S52	1	("20070032927").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/26 00:30
S53	1	("20060106512").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/26 00:55

11/7/2008 9:14:05 PM

C:\Documents and Settings\jpeche\My Documents\EAST\Workspaces\10801861.wsp